## or of the state of the

## Daum-, Strauch-, Staudengewächs- und einjährigem Pflanzen-Saamen

gesammelt in diesem und dem verflossenen Tabre

Guatemala, San-Salvador, Honduras, Nicaragua, Mosquitos, Equador, Veragua, Chiriqui,

aus welchem letzteren Staate noch nie Saamen nach Europa gekommen sind.

Sämmtliche Saamen sind nur von ansehnlichen, schönen Gewächsen, welche sich zu Zierpflanzen eigen. Viele sind Prachtpflanzen, die eine Cultur reich belohnen werden. Alle labe ich selbst in Flor stehen geschen, und labe ich die Mühe eines strapaziösen Rückweges nicht gescheut, um nach mehreren Wochen eigenhändig die Saamen zu holen. — Die meisten Species sind noch unbenannt und neu; ebenso finden sich Pflanzen der Gamen während der Landreisen habe ich gesorgt, ebenso wie ich auch dieselben während der Seereise vor Feuchbigheit & meiner Cajüte zu schützen gewusst habe, so dass ich dieselben als gut und keimfähig empfehlen kann. — Ohne anmassend zu sein, darf ich behaupten, dass Europa noch nie eine grössere Sammlung empfangen hat i, "eine meinige, sowohl in Beziehung der Belithenfahren und Ferm oder der Schönheit der Blätter und des gauzen Habitus, als auch in Rücksicht der Grösse des Territoriums, auf welchem dieselben einheimisch sind, da me. "Excursionen, den Zügen der Cordilleren folgend, sich von 20° n. Br. bis 20° s. Br., von 95° bis 150° westl. L. von Greenwich erstreckten. — Wegen der vielen neuen Species bitte die Nummern des Kaialogs anzumer: "h, da dieselben gegenwärtig durch die Freundlichkeit eines ausgezeichneten, mir befreundeten Botanikers, des Herrn Dr. Ktotzsch, bestimmt werden, wonach dieselben späterhin leicht benannt und berinnen der Betagn eint baar beigefügt ist, worden durch Postvorschuss ent.

nehn	Autrage und Geider erbitte ich iranco unter	der Adı	resse de	s Herrn	H. Brünnow, Post-Secretair in Berlin; we face	lessen (	ler Betr	ag nich	gegebene Ueberwinterungstemperatur bei der Eultur t baar beigefügt ist, werde ich denselben durch Post J. v. Warszew	vorschu	i über- ss ent-
No.		Temp.	Syr.	No.		Temp.	Sgr.	No.		Temp.	Sgr
No.  1 6077 836 913 3923 1368 8138 1368 138 1368 138 1368 138 136 136 136 136 136 136 136 136 136 136	Abrus precatorius, Jamaica Abutilon spee. Honduras , spec. Costa Rica , spec. Chiriqui , spec. Chiriqui , spec. Cord. Chiriqui Achras sapota vera, Cord. Chiriqui Achras sapota vera, Cord. Chiriqui , spec. Equador , spec. Equador , spec. Equador , spec. Equador Agati, grandiflora Agave spec. Nicaragua Ageratum angustifol. Honduras , spec. Nicaragua , spec. Chiriqui Cord. , spec. Chiriqui Cord. , spec. Chiriqui Cord. , spec. Chiriqui Cord. , spec. Nicaragua , spec. Nicaragua , spec. Nicaragua , spec. Vulc. Nicaragua , spec. Nicaragua , spec. Vulc. Nicaragua , spec. Nicaragua , spec. Nicaragua , spec. Nicaragua , spec. Vulc. Nicaragua , spec. Piciriqui Cord. , spec. Equador , spec. Chiriqui Cord.	1	5 10 5 15 10 10 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No. 895 901 11283 608 6618 622 6628 678 808 1484 1489 1489 1095 809 909 909 909 909 909 909 909 1031 1087 1248 1248 1248 1248 1248 1248 1248 1248	Aristolochia spec. Costa Rica  " spec. Costa Rica " panduriformis Chiriqui Cord. Asclepias spec. Honduras " spec. Salvador " spec. Salvador " spec. Nicaragua " spec. Osta Rica Bambusa spec. Eq. (Indigofera coccinea Kl.) Avernhöa Belimbia Nicaragua Cultiv. Avicennia spec. Costa Rica Bambusa spec. Salvador " spec. Nicaragua " spec. Nicaragua " spec. Osta Rica Barleria spec. Osta Rica Barleria spec. Osta Rica Barleria spec. Osta Rica Belaria grandiilora Equador " spec. Salvador " spec. Salvador " spec. Salvador " spec. Gosta Rica Belaria grandiilora Equador " spec. Gosta Rica Belaria grandiilora Equador " spec. Gosta Rica " spec. Costa Rica "	+10 10 18 18 18 18 15 15	der Betr	No.   1062	Bignonia spec. baumartig Costa Rica " spec. do. Equador " sambucifol. vera. Equador Bilbergia spec. Nicaragua " spec. Nicaragua " spec. Nicaragua & Chiriqui Volc. Blakea trinervis Chiriqui " warszewizii Chiriqui Cord. " spec. Equador " spec. Chiriqui Cord. Browallia spec. " mutabilis JJamessonii) Equador Bixa rubra Chiriqui Bombax spec. Nicaragua " spec. Nicaragua " spec. Nicaragua " spec. Costa Rica Gacoutia coccinea Salvador Buddleia spec. Salvador Calceolaria spec. Equador " spec. Chiriqui Cord. Spec. Chiriqui Cord. Calceolaria spec. Equador " spec. Chiriqui Cord. " spec. Salvador " spec. Chiriqui Cord. " spec. Chiriqui Cord. " spec. Chiriqui Cord. " spec. Salvador " spec. Sa		8 8 8 8 8 10 10 10 10 10 10 10 10 10 10 10 10 10
1511 1044 1150 1197 1216 1035 1195 1344 1426 1479 1505 1758 688 798 919 949 1187 1243 1300 1307 1348 1621	Amorphophallus, spec. Chiriqui Cord. Vallea, spec. Biriqui Cord. Anagallis, spec. Chiriqui Cord. , spec. Equador , spec. Equador , spec. Equador , spec. Chiriqui Cord. , spec. Chiriqui Cord. , spec. Nicaragua , spec. Nicaragua , spec. Nicaragua , spec. Chiriqui Cord. , spec. Costa Rica	20 15 15 15 11 1 2 1 1 2 1 1 20 20 20 20 20 20 20 20 20 18 14 14 14	5 15 6 6 6 10 10 10 10 8 8 8 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1264 1320 1327 1347 1346 1361 1413 1512 1558 1575 1587 1666 1720 1769 1762 1765 1765 1769	, spec. Chiriqui Cord. , spec. Chiriqui Volc. , spec. Chiriqui Volc. , spec. Chiriqui Cord. , Equador B. Warszewiczii , spec. Equador , spec. Equador , spec. Equador , spec. Equador , spec. Chiriqui Cord. , spec. Grigui Cord. , spec. Grigui Cord. , spec. Grigui Cord. , spec. Grigui Cord. , spec. Spec. Grigui Cord. , spec. Elipiqui Cord. , spec. Elipiqui Cord. , spec. St. José , spec. Equador	12 12 12 12 12 2 2 10 2 12 12 12 12 10 10 10 10	8 8 15 10 5 18 5 5 10 5 6 5 8 8 16 20 20 20 20	788 873 1109 1607 1624 1748 1753 1530 636 1088 768 818 852 1480 1415 1582 1626 705 712 763 781 782 783	" spec. Salvador & Nicaragua. " spec. Salvador & Nicaragua. " spec. Salvador & Nicaragua. " spec. Equador " spec. Equador " spec. Equador " spec. Costa Rica Ganavalia spec. St. Thomas " spec. David Capparis spec. Nicaragua & Salvador " spec. Costa Rica Capparis spec. Nicaragua & Salvador " spec. Costa Rica Capparis spec. Nicaragua Carex pandanifolia Carica Papaya macrocarpa, Chiriqui " spec. Volc. Bomb. " pyriformis, Equador " spec. nova, Equador " spec. nova, Equador " spec. florasgua " spec. Nicaragua	10 10 10 10 10 8 8 4 15 10 10 11 12 12 12 12 11 10 10 10 10 10 10 10 10 10 10 10 10	8 8 8 10 120 120 6 6 6 8 8 8 6 6 6 6 6 6 8 8 8 6 6 6 8 8 8 6 6 6 6 6 6 8 8 8 8 6
714 1059 1068 1577 775 976 1566 883 1014 1536 1588 1028 973 968 1074 1080 1168 1315 651 936 828 893	Antiurum spec. S. Salvador Antigona cordifolia, Nicaragua Aphelandra spec. Chiriqui Cord. " " " " " " " " " " " " " " " " " " "	10 12 12 18 12 8 10 10	15 8 8 6 10 5 5 6 5 6 25 20 5 8 4 4 5 14	676 771 787 928 1338 1458 610 694 731 759 760 820 820 822 911 914 915 916 918 924 941 941 1055	gec. B. lortunae āḥni.  gec. Nicaragua B. gigantea āḥni.  spec. Nicaragua  spec. Ri. alb. Nicaragua  spec. Costa Rica.  spec. Costa Rica.  spec. Costa Rica.  spec. Ricaragua  spec. Nicaragua  spec. Soicaragua  spec. Soicaragua  spec. Soicaragua  spec. Soicaragua  spec. Soicaragua  spec. Soicaragua  spec. Costa Rica	10 15 15 10 10 11 10 15 12 12 12 12 12 11 10 10 10 10 10 10 10 10 10 10 10 10	6 6 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1067 1602 770 1627 1661 1755 630 665 869 1610 1221 1513 1554 752 1001 1018 830	, spec. Costa Rica , spec. Costa Rica , spec. Chiriqui Cord. , spec. Chiriqui Cord. , spec. Chiriqui Cecropia peltata vera Chiriqui Cord. , digia, Chiriqui Cord. , spec. (rubrinervis) Costa Rica & Chiriqui Cedrela guianensis, Costa Rica Cerbera spec. Salvador , spec. Striqui , spec. Equador , spec. Equador , spec. Equador , spec. Equador , spec. Costa Rica Cestrum spec. Nicaragua , spec. Carth. Volc. Chrysobalanus Leaco, Nicaragua , spec. Costa Rica , spec. St. Thomas , spec. St. Thomas , spec. St. Thomas , spec. Costa Rica , spec. St. Thomas Chrysophyllum spec.? Costa Rica , Gosta Rica , Chrysophyllum spec.? Costa Rica	10 10 10	1506666666668855566666666666666666666666

No.		remp.	Syr.	No.		remp.	Syr.	No.		de la garage	ar.
140.	Chrysophyllum ferrugineum, Jamaica	+18	20	140.	Cupania esculenta	+12	15	1114	Gesneria spec. Costa Rica	+10 1	
1477 1146	Chuquiraga insignis, Equador	1	20	646 892	Cuphea spec. Nicaragua	8	6	1152 1205	,, spec. Chiriqui Cord	10 1	5
1273	purpurea grandiff. Chir. &. fl. albo	10	20	964	" spec. Costa Rica	8	6	1433	,, spec. Equador	10 10	0
1277 1331	,, spec. fl. albo, Costa Rica spec. ftrauchartig, Chiriqui	10 10	10	1065 1115	" spec. Carth. Volc	8 8	6	1563 1708	" spec. Equador " spec. Chiriqui Cord.	10 10	
1457	spec. fl. igneo, Chiriqui	8 8	20	$\frac{1234}{1372}$	,, spec. Chiriqui Cord	8	6	1406	,, spec. Chiriqui Cord	10 10	0
	;; spec	8	10	1431 1516	", fuchsioides Equador	10	15 15		spec. Cord. Equador	10 2	20
1301	,, spec. Chiriqui Volc	10 10	6	1520	" violacea, Equador	8	15		spec, bicolor	10 1	0
1339 994	Cineraria coccinea, Chiriqui Volc spec. Carth. Volc	1	10		" spec. St. José	8	15 6		spec. St. Pedrig.	10 2	0 0
1388	;; spec	10	6	1060	", spec. blaubl. Curatella americana, Chiriqui Cord. Cynoglossum spec. Carth. Vulc.	8 8	6	1040 1138	Gesneriaceae Achimenes spec		0 0
1615	Gitrus spec. ? Gord. Chiriqui	10	6	982 711	Cynoglossum spec. Carth. Vulc	8	6	1377 1618	Achimenes Chiriqui Cord	10 20	20
1314	macrocarpus, mit rethem Heisch	10	6	1313	" spec. (C. antiquor) Chiriqui Dalbergia sp. Costa Rica	15	6	1620 1671	nov. spec	10 2	20
692	Glethra spec. Nicaragua	12 10	10 10	940 677	Dalea spa Salvador	10	8	1770	,, urticaefol		0
983 1491	spec. Chiriqui Volc	10 8	10	1462 1483	" sp. Equador	10	10 10	617 1392	,, long. var	10 2	0 25
984 1325	" spec. Chiriqui Volc	8	10	1482	n, spec. Strauth	10	15 8	$\frac{1441}{1442}$	,, spec. Equador	10 2 10 2	
1504	" spec.? Equador	4	10	794 847	Datura spec. Nicaragua	10	6	$\frac{1562}{1032}$	" spec. Equador	$\begin{array}{c c} 10 & 2 \\ 10 & 2 \end{array}$	25
639 649	Clitoria spec. Salvador	10	10	1212 1387	" nov. gen. Chiriqui Cord		20	1641 1650	Tapina spec	10 2	25
710 748	" spec. Salvador	10	10	1397	" suaveolens var. Equador	8	10	1658	spec	10 2	20
764	" spec. Nicaragua	10	10	1468 1495	" sanguinea nigra Equador	8	15 20	1700 1702	Nematanthus spec. Alloplectus spec. , spec.	10 2	20
783 811	" spec. Nicaragua	10	10 20	1640	,, suaveolens? Equador	6	10 20	1760 683	Columnea spec		25
817 831	,, celestis, Chiriqui Cord	10	20 15 10	784 1591	Dentaria spec.? Honduras	10	6	876 1010	,, spec. Salvador	10 1	10 10
849 867	spec. Nicaragua	10	10	761 626	,, natans, Nicaragua	10	10 6	1011 1082	" longipedunculata	10   2	20
889	spec. Costa Rica	10	15 10	634	" spec.? Salvador	10	6	1084	,, spec. Chiriqui	10   1	2
898 902 903		10	10	689	" spec. Nicaragua	10	6	1101	" spec. Nicaragua	10   1 10   1	2
1145	" spec. Costarica	10	10 10	1387 1574	" spec. Chiriqui Cord spec.? Equador	10	10	1113 1124	" spec. Costa Rica	10 1 10 1	12 12 12
1186	carpum longifolium)	8	20	862	Bolichos 2 spec. 31	10	15 10	1125 1130	,, spec. Costa Rica	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	25
1273 1303	" spec. ? Chiriqui Cord	10	10	706 723	Echites spec. Nicaragua	10	10	1132 1133	Columnea spec. Costa Rica	10   1	15 20
1323 1370	" spec. Chiriqui Cord	15	10	880 881	., spec. Nicaragua	10	10	1135 1136	Columnea spec. Costa Rica	10   1	15 15
1374	" spec. Chiriqui Cord	10	10	887	,, spec. Nicaragua	10	20	1137	spec. Costa Rica	10   1	15
1749	" spec. Costa Rica	15 10	20 10	936 989	" spec. Costa Rica	10	10 25	$1223 \\ 1232$	enec 7	10   2	20
1743 174	" spec. Costa Rica	10	10	1038 1064	,, spec. Costa Rica	10	10 10	1245 1249	Tapina spec.? Anthademia spec.		20
1	" Lavandula Jamaica	15	25 10	1173 1316	,, spec. Costa Rica	10	10	1322 1410	Hypocyrta spec	10   3	30 20
675	" spec. Panama	15	10	1583 1638	" spec. Equador	10	10	1416 1417	Besleria spec.? Equador	10   2	25 25
1030	" spec. Costa Rica	10	10	1751	" spec. Volc. Barba	10	10	1420 1421	" spec.? Equador Anthademia spec.?	8   2	25
1073	spec. Chiriqui Cord	10	10	004	" spec. Equador Cord	10	10	1436	Columnea spec. Equador		30 20
1749	caudata Kl. Costa Rica		10	805 827	" spec. Nicaragua	15	8	1438	" Warszewiczii Braun Equador		30
175 139	Coburgia spec. Equador	6	15	642 666	Enkea spec. Salvador	12	8	1443 1616	spec. Chiriqui		20
98	spec, Costa Rica	10	8 8	727 910	,, spec. Nicaragua, spec. Costa Rica		8	1662 1739	Columnea spec. Costa Rica		20
104	Cochlospermum Gossypium	12 15	6	1033 1052	" spec. Costa Rica	10	8	1761 1764	Alloplectus spec	10 2	20 25
152	Comesperma spec. Loxa	8	10	1117 1346	" spec. Costa Rica	10	6	1767 995	Gen. nov. am Votos Vulc. Costa Rica. Besleria spec.	10   2	20
69	Conocarpus racemosa, Nicaragua	15	5 6	1364	,, spec. Chiriqui Cord	10	6	1004	Nematanthus Klotzschii nob	12   3	15 30
62	Convolvulus spec. Salvador	8	5	1670 1697	,, spec. Chiriqui Cord	16	6	1005 1006	,, spec.?	12 2	30 20
63	spec Salvador	8	5 5 5	1644	Eranthemum spec. Chiriqui Cord	10	8	1007 1008	Besleria spec.?	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	15 10
68 74 77	; campanulatus	8	5 5	1660	spec. Chiriqui Cord. (Cyrthanthera spec. fl. albo).	10	18	1009 1024	gen. spec. Nematanthus? Nematanthus spec	$\begin{array}{c c} 10 & 3 \\ 10 & 2 \end{array}$	30 25
78	spec. Nicaragua	10	5 5	616	sp. Hond. (Stemonacanthus sp. spec. Salv. (Cyrtanthera spec.	10	18 18	1025 1057	Gessneria spec.?	10 2 10 2	25
79 87	spec, Nicaragua	10	5 5	823 1128	spec. Nicaragua Eranthemum spec. nov. gen. Costa Rica .	10	18	1096 1099	Nematanthus spec. Besleria spec.?	10 2	30 25 25 20 25 20
87 88	spec. Strauch, Nicaragua	12	5	753 1178	Erythrina spec. Nicaragua	10	8	1100 1108	, spec.? Nematanthus longifolia nob.	10 2	20
94	spec. Gosta Rica	12	5 5 5 5	1599	spec. Equador	10	10	1119 1122	spec	10   2	25
117	spec. Straud, Nicaragua		5	785	Eupatorium spec. fl. rbr. Nicaragua	10	12	1134	Besleria spec	10 2 10 2	20 25
130	asparagifolius	12 8 8 8 8 8	15 10	1328 1467	spec Eduador	10	8	1142 1143	Alloplectus spec	$\begin{vmatrix} 10 & 2 \\ 10 & 3 \end{vmatrix}$	20 30
131 137	spec. Chiriqui Cord	8 8	5 5	920	Evonymus spec. ? 3f	10	6	1157 1171	Nematanthus spec	10 3 10 1	30 10
139 152	spec. Equador	. 8	5 6 6	1295 625	Figus punctata, Chirigui Cord.	. 1 10	6	1292 1326	,, macrophyllus	10 3	30 30
175		. 12	6	736 850	spec Salvador	10	5	1334 1337	v. nov. gen. spec	10 2	20 26
95 160	1   Cordia spec. Costa Rica	. 10	6 6 6 6 8 8	1215 1269	" spec. Chiriqui Cord	10	5	1360	,, spec	10 2	20
	Cosmus spec	. 10	6	1286	" spec. Chiriqui Cord	10	5 5	1362 1653	,, spec	10   1	20 15
92 116	3 , spec. Chiriqui Cord	15	8	1637 1694	Fuchsia spec. Chiriqui Vulc	10	20	1659 1663	v. nov. gen. spec	10   3	25 30
121 128	spec. Chiriqui	10	8	1564 1386	spec. Equador (F. macropetala Kl. spec. Equador	8	28 20 20	1665 1669	Besleria s. nov. gen. spec	10 3	30 25
143	O Crataeva spec.? Equador	15	6 5		spec. orange	. 8	20 20	1673 1740	Besleria spec		15
136	3 , nigra, Chiriqui	. 12	15	756 945	Galphimia spec. Nicaragua	. 10	6	1768	Turialba		25 20
61	3 Croton spec, Honduras	. 12		1207	" spec.? Chiriqui	12	8 8	1771	" picta fehr schön	10 3	30
71 73	0 ,, spec. Nicaragua	. 12	6	1244 1317	spec.? Chiriqui	. 12	8	1162 1219	,, ,, 2 variet	10   1	15 15
74 83	5 ,, spec. Nicaragua	. 12	6	1657 637	cnog 2 Chimicani	10	8 6	1220 1775	, mit grûn. Keld)	10   9	10 25
92	7 ,, spec. Nicaragua	. 12	6	1634 745	Genipa spec. Salvador		6	858	Nyphaea spec	10 9	20 15
96	O Churcon choo Coata Dian	20	6	1432	Gentiana spec. Equador	2 2	15		Achimenes spec	10 9	20 10
81	spec. Nicaragua	12 12	8	884	Gentiana spec. Equador	10	15 20		Alloplectus spec.	10	20
109	1 spec. fl. rbr. Chiriqui / Sie	12 12	8	891 933	spec. Gosta Rica	10	15 15		" spec	10 10	20 20 20
133 158	spec. Chiriqui Cord.	12 12	8 8	627 629	,, spec. Salvador	. 10	15 15		Columnea spec	10	25 10
123 161	o   dapania giabia, diniqui	· 1	20	656 993	spec. Salvador	. 10	10	1	,, spec.?	10 19	25 20
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No.		emp.	Sgr.	No.		emp.	Sgr:	No.		emp.	Sgr.
	Gesneriaceae Columnea spec.?	+10 10	20	647 860	Lantana spec. Salvador	+10	8	894	Momordica spec. Costa Rica	+111	8
	y, y, spec		20 10	865 961	" spec. Salvador	10 10 10	8 8	1424	Momordica spec.  Murucuja rosea, Equador	10 12	10
	gen. nov. spec.	10 10	10	977 1461	,, spec. Costa Rica	10 8	8 20	1498	Jessenia quercifolia Klotzsch Mucuna spec. fl. rosea, Equador	8	20 25
	Nematanthus spec. Nematanthus spec.	10	10 10 10	1489 1619	" sulphurea, Equador	. 8	20 10		Myrtaceen & Cephaëlis spec. 3f	10 10	20 20
846	Nematanthus spec.	10 8	10	700	2 spec 2f		10	1027 1296	Myrtus Costaricensis.	2	10 20
620 985	Grissia sanguinea Nicaragua Gomphrena spec. Salvador Gnaphalium spec. Carth. Vulc.	10	15	1081 1161	Lawsonia alba, Nicaragua	10 12	10	1613	,, spec. Gualaca		20
730	Guilandinia spec. Nicaragua Gunnera spec. Equador	15	8	1281	" spec. Chiriqui Cord. Laurineae n. gen. & spec. Laurus spec. Chiriqui Cord.	12 10	10		, spec. Nelumbium 2 spec. Segetum? Nicotiana nov. spec., 3ierrffange Neurocarpum spec. Chiriqui Cord. Nymphaea spec. Nicaragua	10	15 25
696 738	Guzmannia spec. Chiriqui Cord. ,, spec. Nicaragua	10 10	10 8	1704 724	,, spec. Chiriqui Cord	10	8	1184	Nicotiana nov. speec., Sierpflange.	18 10	25 15
776 1636	spec. Nicaragua	10 10 10	8 8	946	" spec. Costa Rica	10	5 5 6	1730 1206	Nymphaea spec. Nicaragua	10 18	20 20
1738	spec. Habrothamnus aureus Carth. Vulc.	10	15	675 899	Lisianthus spec. Chiriqui Cord	10 10 10	10	1200	Oenothera spec	18 10	15
617 743	Hamelia spec.? Nicaragua	12 12	6	1116 1255	" spec. Costa Rica	10	15 20		Ovalie engo	10 10	10 15
1078 1190	" spec.? Carth. Vulc	8 8	10	1367 1371	" spec. Chiriqui	10 10	10 10 10	1735 814	, polymorpha?. Panax spec. Carth. Vulc. Panicum spec. fol. variegat.	10 2	15 15
1226 1265	spec.? Chiriani Cord.	8	10 10	1707 1714	,, veronicaeflor	10 10 10	20 25	641 747	Passinora spec. Salvador	10	15 8
1419 1715	,, spec.? Chiriqui	10 8	8	1737	spec. (arborea)	10 10	25 20	991 1053	,, spec. Nicaragua ,, spec. Costa Rica ,, spec. Costa Rica		10
606 1182	Hedysarum spec.? Honduras spec.? Chiriqui Cord	12 10	8	1261	" spec Lithospermum sp. Carth. Vulc	10	10 5	1056 1069	spec. Gosta Rica, ignea Costa Rica	10	10 8 20
1645 1147	y, spec.? Chiriqui	14 14	8 6	960 1400	Loasa spec. Costa Rica	10 8	8	1065 1189	,, quadrang. var	10 10 10	10
732 621	Helenium spec. 3n Cinfaffungen	8	6	1472 1534	" campanulata	8 8	20 15	1262 1319	,, spec. (bryoniaefol.?.), ,, spec. Chiriqui	10	10 10
650 810	spec. Salvador	10 10	6	1013	" spec. Chiriqui	10	10	1402 1440	s. nov. gen. spec. Equador	10	25 20
857 863	,, spec. Nicaragua	10 10	6	1176 1203	" spec. Chiriqui Vulc	8 8 15	15	1646 1736	spec, Chirigui Cord.	10	15
1517 1537	spec. Equador spec. Equador spec. Chiriqui pl. off.	8 8	10	1526	spec. Equador	15 8 8	15 20	698	,, bryoniaefol?	10	10 8
749	Helicteris spec. Nicaragua	14 12	6	786	" spec. roth	8 10	15 10	825 1191	,, spec. ? Nicagua	10	8 8
935 806	,, spec. Nicaragua	12 12	6		Lamourouxia	18	15 15	856 1225	Peperomia spec. Nicaragua	10	8 8
1396	Hemimeris spec. fl. alb. Equador	12 8	6	1460 1016	Lycium fuchsioides, Equador Lupinus spec. Carth. Vulc	10 2	20 10	1274	" odoratissima	10	10
1434 1459	spec.? Peru	8	10 10	1017 1268	" spec. Carth. Vulc	2 2	10 10	1345	Pernettia spec. Chiriqui Vulc	2	15 15
729 1518	Heliotropium spec. Nicaragua submolleta Kl., Equador	12	10 15	1450 1525	spec. Equador	8	10 15	838	Pharbites spec. Costa Rica	10	10
1700	Heynichia spec.	12	6	1051	", spec. bem nanus ähnlich	8	20 25	1719	Phlomis spec. Costa Rica spec.?	10	10
1508 1299	Hieracium spec.? Equador Hippomane spec. Chiriqui	12 12	8	1063	,, spec. Carth. Vulc	8	20 20 25 25 20 20	838 1144	Phrynium spec. Costa Rica spec. Costa Rica spec. Costa Rica	10	10
975 861 1242	Hostia spec. Costa Rica. Hibiscus spec. Nicaragua ,, mutabilis fl. plen.	10 10	15 8	1324 1342	" spec. fl. sanguinea " spec. Vulc. Chiriqui	88	25 25	844 684	Physalis spec. (Ph. fruticosa!) Pinus spec. Nicaragua	2	15 10
1398 1611	spec, Equador,	10 12	6 15	1532 1557	" spec. Equador, Loxa	8 8 8	20 20	685 686	" spec. Nicaragua	2	10
1631 611	", tiliaefol. Peru	12 10	10	1580	" macrantha	10 10	30 20	687 833	" spec. Nicaragua Pisonia spec. (humilis) " spec. Chiriqui Cord.	10	10
011	spec. fl. ros	10 10 10	10 10		,, spec	10	20 20	1353 1695	Spec. Chiridal valc	10	10
1071 1667	Hura Spec. 7 Nicaragua	12 10	8	1200	spec. Malva spec.? Chiriqui	10 10 10	20 20	1652 1690	Pitcairnia fruticosa Chiriqui " spec. Chiriqui Cord. " spec. Chiriqui Yulc.	10	25 10
690 942	" spec.? Costa Rica Hydrolea spec. Nicaragua " spec. Costa Rica	12 10	8 8 8	1304 1643	" spec.? Chiriqui	10	6666	1691 1699 695	", spec. Chiriqui Vulc	10	10
966		10	6	971	, spec. ? Chiriqui . Malpighia spec. Costa Rica . , spec. Chiriqui Vulc , Ceressi, Equador . , spec. Equador .	10 10 10	6	725 796	" spec. fl. ros., Chiriqui	10	15 15 15
812	## spec. Costa Rica Hypericum spec. &traud ## & Rhexia 3f, St. José Indigofera spec. Nicaragua	10 12	6 8	1603 1612	", Ceressi, Equador	10	6	816 851	" spec. nav., Chiriqui " bicolor, Chiriqui " alba, Nicaragua		15 15
922 1721	inga spec. Costa Rica	10	10	931 1728	Mendozia spec	10	20 15	1201 1597	,, lutea grandis, Nicaragua	10	15 15
628 632	Ipomoea spec. Salvador	10	6	678	Manettia spec. Chiriqui " spec.? Marica spec. Chiriqui Vulc.	10	15 10 6	1598 1766	" nivea, Chiriqui	10	15 15
638 640 682 754	" spec. Salvador	10 10	6 6	1655		10 10	8	721	Poinciana elegans	10	15 15
682 754	" spec. Salvador	10 10	6	925 992	Martynia spec. Nicaragua Melastoma spec. Costa Rica	10 10	10 15	1478 839	Poitea spec. Costa Rica	10	10 10
758 864 870 874 896 1576	spec. Nicaragua	10	6	1021 1093	" spec. Carth. Vulc	10	15 15	843 934	" spec. Nicaragua " spec. Costa Rica	0	10
874 896	" campanulata fl. luteo " spec. Nicaragua " spec. Anoffen Cost. Ric.	10	8	1149 1151	spec. Costa Rica	10	10 8	1231 1308	" spec. Costa Rica " spec. Chiriqui Vulc. " spec. Chiriqui Vulc. " spec. Chiriqui Vulc.	8 8	10 20
1576 1584	" spec. Equador	10 8 8	10	1159 1170 1172	" spec. Chiriqui Cord	10	10	702	Polygonum spec. Nicaragua	8 10	10 8
1593	spec Equador	8	10 10 10	1204 1218	" spec. Chiriqui Cord	10 10 10	10 10 10	1166 1193	spec. Chiriqui Cord. Portlandia grandiflora	15	10 10 30
1	" spec. ber J. Purga ähnlich spec. blaublühend	10 10	10 10 10	1260 1359	spec. Chiriqui Volc	10 10 10	15 10	750 1026	Portulaca spec. Nicaragua	10	30 6 10
1340 1672	,, spec. St. Thomas, Zier f. b. Stube Cephaelis spec. Chiriqui ,, spec. Chiriqui Cord.	10 10	10	1369 1451	" spec. Chiriqui Cord	10 10 10	15 10	1020 $1217$ $1227$	Psidium spec. Ghiridul	10	8 8
1271 1179	spec, Chiriqui Cord.	12 10	10	1664 1693	,, spec. Chiriqui Cord	10 10 10	10 10 10	1633	spec. Chiriqui	10 10 10	8 8
1333	Iresine sanguinea, Chiriqui Cord	10 10	10 8 8 8		spec	10	10	1002 1710	" spec	10	8
795	Jacaranda mimosifolia	10 10 12	15		" spec	10 10	8 8	963 912	Quassia amara	12	25 10
704 719	Jacquinia obovata? Chiriqui	12	10	751 1556	Melocactus spec. Nicaragua	10 10	15 15	962 619	Rhexia spec. Salvador	10	10 10
809 1194	" spec. (angustifolia)	12 12	10	657 733	Mentzelia spec. Salvador	10 10	8 8	679	" spec. Salvador	10	10 10
1318 719	" spec. Chiriqui	12 12	10	1383 1501	" spec. Chiriqui Mespilus spec. Equador Mikania spec. Chiriqui Cord.	10 10	8 1	875 981	" spec. Salvador	10	10
1192 1198 1515	" splendéns, Chiriqui	12 12	15	967 1129		10 10	18 8 8	1039 1195	" spec. Costa Rica	10	10 10
1515 1520 1531	" tubulosa, Equador	8	25 10	645 652	Mimosa pudica var	10 10	10	1211 1259	" spec. Chiriqui Cord	10	10 20
1538	alba, Equador	8	25 25 20	654 655 870	,, var	10	10 10	1266 1285	" spec. Chiriqui Volc	10	20 10
1172 990	Jussieua spec. Strauch, Chiriqui	12	20 10	872 1106	,, var	10	10	1293 1294	" spec. Chiriqui Cord. " spec. Chiriqui Volc. " spec. Chiriqui Volc.	10	10
1148	Justicia spec. Chir. (Cyrtanthera aurantiaca ginbl.)., spec. Chir. Cord. (J. campanulacea)	10	22 22	671 766 800	,, sensitiva var	10	10 10	1332 1349	spec. II. carn., Equador	. 10	10
1250	" Gongistipulata, Chiriqui	10 10 10	25	789 954	", var. ", spec. Nicaragua ", kermesina ", spec. (M. emetica)	10 10	10 10	1496 1497	" spec. fl. azur. gr. Equador	10	20 20 10
	" spec. bicolor ämilich	10	20	1042 1302	" spec. (M. emetica)	10 10	20 10	1731 1756	,, spec. Garth. Vulc	10	10 10
	" spec. fl. sanguinea. " acanthus? Humboldtii Lacopetalum.	10 10 10	20 28 25 5	1502	" spec. Chiriqui " spec. de Payha Mirabilis spec.	10 10 8	10 10 6		" spec. fl. albo, grandifloro	10	10 10 20
		10	1	1	Special specia		0		" spec	10	20

	No.		Temp.	Sgr.	No.		Temp. n. R.	Sgr.	No.		remp.	Syr.
	1070 644	Rhipsalis lilacina, Costa Rica	+10	10 10	1381 1535	Semina mixta St. Jago Veragua Equador	+10	20	1705	Steffensia spec. Chiriqui Cord	+10	10
	011	" spec	10	10 10	1550 1572	,, ,, Peru	8 8	25 25 25	1061 1763	Stimia spec.? Costa Rica	10 10 10	10 10 25
	813 906	ucuma spec. Ricaragua (Popilionac)	10	10 10 10	1711	", ", Chiriqui Cord	8	20 20 15	877	Switenia Mahaghoni (S. montana) Suavagesia spec. Tabernaemontana spec. Nicaragua	10	20 20
	904 952	" spec. Costa Rica	10	10 10		,, Jamaica	16	15 15 15	907 1049	spec. Costa Rica	10 10	20 25 25
1	1568 670 757	Mucuna spec. Equador	10	20 8 6 6	802 848	Sesbania spec. Nicaragua Sida gossypiaeflora	18	15 10	1586 1630 1391	" spec. Equador	10 10	20 15
	1120 1263	,, spec. Chiriqui Cord	10	6	853 826	" Nicaragua	10	15 10 10	1414 1437	,, kermesina, Loxa	8 8	20 25 20
	832 1395	Robinia spec. Chiriqui Cord	10 10 10	6 10 20	767 1355 1567	Sida spec. Nicaragua	10 10 10	8 8	1459 1541 735	,, spec. Equador ,, ignea, Loxa  Tagetes spec. Nicaragua	8	20 28
	1411 1469	" spec. Equador	10 2	20 10 15	1592	", spec. fl. aurant	10	10 8	859 1280	" spec. Nicaragua	10 10 10	6 6
	1552 965	, spec. Equador (purpur.) R. com- pactus?	1 10	25 15	999 1023 1521	roseus	3	25 20 20	1343	Talinum spec Tamarindus indica Tanacetum spec. Chiriqui Vulc.	10 15 2	6
	1076 1596 643	Rulingia spec. Chiriqui	10	15	1642 1651 1475	,, pictus	10	20 25	1246 1121	Thalictrum spec. Chiriqui Vulc Theobroma spec. Chiriqui Cord	15	8 8 10
	680	tabilis Lindi.) Rubiaceae spec. Salvador spec. Salv. (Warszewiczia spec.	10 10 10	25 15 25 10	1047 1336	giganteus	10	20 20 25	1464 1544	mentaphylla?	15 12 10	15 20 25
	728 745 764	" spec. Nicaragua	10 10	10 10 10	1405 1409 1418	spec. Equador	8 8	26 20	1733 707	,, spec. Chiriqui Vulc	10	10 15
	979 1123	spec. Costa Rica	10 10 10	10 10	1466 1547	spec. Equador	10	26 26 26	669 715 1141	Tournefortia spec	10 10	10 10
	1289 1551 1696	spec. Chiriqui Cord	10 10 10	10 10 10	1559 1127 1131	spec. Equador	10 10 10	15 15	1278 1196	sta Rica	10 10	28 15
		,, spec	10 10	10 10		specviridiflorus	10 10	25 20 15	1445 1565	; spec. Chiriqui Cord. Trichilia spec. Equador	10 10 10	10 10 10
	1403	spec. spec. Rhopala grandiflora, Equador	10 10 4	10 10 25		" lunatus		15 28	1236 815 1085	,, spec. Chiriqui Vulc. Tropaeolum spec. Nicaragua ,, bimaculatum	10 8	10 30
	1003 1258	Russelia spec	10	10 10 10	1341	Smilax spec. (S. gigantea), Honduras spec. Honduras	15	10 10	1773 1539	spec	88	30 30 30
	1291 1654	" spec. Vulc. Chiriqui	8 8 8	10 10	$1022 \\ 1256$	solandra spec. Carth. Vulc	10	15 15 15	1581 1600	,, spec. Equador	8 10 4	30 30 30
	1155 614	Sagittaria spec. ? Nicaragua spec. Honduras	8 18 18	10 10 10	1425 1545	,, spec. Equador	10 10 10	15 15 15	842	Lamourowia elegans Kl.  "pulverulenta Kl. "seratifolia Kl.  Turnera spac Chicken	8 8	30 30
	938 1573	Salisburia spec. Costa Rica ,, spec. Equador Salvia spec. Salvador	2	20 20	905 998 1330	Solanum spec. Costa Rica	10 10	15 10	1177 1058	Turnera spec. Chiriqui ,, spec. Chiriqui Cord. Ulloa parasitica? Chiriqui	9 12	10 10 20
	633 648 1399	" spec. fl. ros	10 8	10 15 15	1330 1335 1382	;; spec. Chiriqui Vulc	10 10 10	15 5 10	1156 1208 1210	Urania amazonica? Utricularia spec. Chiriqui ,, spec. Chiriqui Cord.	10 10 10	10 10 10
	1455 1470 1487	" spec. Equador Guenca	8	15 15 15	1412 1668 1703	spec. Equador spec.? Chiriqui spec. Chiriqui	8 8	8 10		,, spec	10 10	10 10
	1500 1527	" spec. Loxa, Equador		15 10		specspec.	10 10	8 8	1175	Vaccinium spec. arborescens spec. Vanilla spec. Chiriqui ,, spec.	2 2 18	20 20 10
	1540 1555 1595	" spec. Loxa " spec. Loxa " spec. ⊙ Equador	8 8	15 15 10	1251 1444 1701	Solaneae spec. Chiriqui Cord	10 10 10	8 8	1252 1267	,, spec. ,, spec. ,, spec.	18 18 18	10 10 10
1	1614 1629	Samyda spec.? Chiriqui Cord	8 10 10	10 10 10	1481 1656 1717	spec. Equadorspec. Chiriqui Yulc	10 10 10	88	829 1604	Verbena stricta (nigra), Chiriqui	8 8	10 20
	1066 612	Schubertia spec. Honduras	10	10 10	1154 1029	spec. Chiriqui Vulc. Sophora tomentosa, Nicaragua Spiraca spec.? Carth. Vulc.	15	8 10	821 1050	verbesina scandens	8 10 10	10 15 10
	804 890 900	spec. Nicaragua	10 10 10	10 10 10	1407 1488	Stachys sanguinea, Equador, ,, spec. Cuenca, ,, spec. Lora	2188	15 15 25	886 1077	yernonia pendula, Costa Rica Viburnum spec. Chiriqui Yulc.	10 8 10	10 20 15
	1448 1118 1181	Scorzonera spec. fl. violac., Equador Scutellaria spec. Chiriqui Cord	10	6 20	1713 932 948	Stannia formosa	12 10	20 10	1233 1404	spec. Chiriqui Vulc	10 10	15 15
	1408 1485	spec. © Equador	10 10 8	10 25	970 972	,, spec. Costa Rica, spec. Costa Rica,	10	10 10 10	1463 1734 1378	,, spec. Equador Viola spec. Carth. Vulc. Vouapa bifolia Chiriqui	10 2 10	20 10 15
	1509	spec. Equador spec.?	8 8	10 25 25 20 20 20	996 1000 1012	" spec. Costa Rica	10	10 10 10	1625 653 663	yitis vinifera, Salvador	10 10	15 10
	956 1098	Semina mixta Costa Rica	10	20	1019 1034	spec. Costa Rica	10	10 10	1571 1279	, spec. Chiriqui Vitis vinifera, Salvador Zinnia spec. Salvador ⊙ , spec. Equador ⊙ Zornia spec.	10 10 8	6 6 20
	1239 1311 1341	", Veragua	10 10 8	25	1435 1543 1622	" spec. Equador	10 10 10	10 10 10	1306	" spec " spec. bijugu	8 8 10	20 26 20 30
						PALMEN.					10	30
	No.	in Haring Syr. N	0.			ing Gr. No.			Lemn	died Ggn. No.	remp.	Sgr.
	1089	Astrocaryon spec	47 Cha Des	maedo	rea sp.	Cost	palmata	a, sp. N	d +	19 30 Diplazium Hamidalia harrida	110	20 20
	1090 1091 1635	,, minor, Cost	30 Geo	notemia noma gra	sp. Cl acilis	12 30 Chamaedore 30 Specific s	a sn C	hir	- 1	12 30 1228 Lycopodium sp. Chir. Vulc. 12 30 1723 , sp. Chir. Vulc	10 10 10	20 20 20
	1681 1428 1442	,, sp. Chir	75	sp.	Chir.	Chamaedoro	a humi lice		• •	12 30 1107 Pteris sp. Chir. Gord	10 10 10	25 20
	1647 1648	Bactris macranth     12     30       , minor, Cost     12     30     10       , sp. Cost     12     30     12       , sp. Cost     12     30     16       , sp. Chir     12     30     16       Carludovica     12     30     16       , sp. Equad     12     30     16       , sp. Ver     12     30     16       , sp. ver     12     30     16       , sp.     12     30     16	77	,, sp.	. Chir.	Vulc 12 30 30 1241 Acrostichum	sp. V	ulc. Cl	hir.		10	20 20 20
	1647 1648 1716 1774 1011	, setosa y Chir. 12 30 16 , sp. Chir. 12 30 16 Carludovica 12 30 16 , sp. Equad. 12 30 16 , sp. Ver. 12 30 16 , sp. Ver. 12 30 16 , sp. Ver. 12 30 16 , sp. 12 30 17 , angustifol, var. 12 30 Chamacdorea sp. 12 96 13	46 .	. SD.	. Cost	Cord 12   30   1569   ,, sp. ( 12   30   1722   ,, sp. ( 12   30   1725   ,, sp. (	hir. Co hir. Ve hir. Ve	r		Adiantum sp. Gost.  Asplenium sp. Cost.  Asplenium sp. Cost.  Lygodium fraxinifolium Ver.  Polypodium sp. Ver.	10 10 10	20 20
	1222 1015 1237	, angustifol var. 12 30 Chamaedorea sp. 12 26 13 , sp. Chir. 12 26 16	51 86 Iria	ospatho	e elega		Chir. Ve D. Chir.	Ver.		10   20   Pteris spec	10 10	20 20 20
	1270 1350	", sp. Vulc. Chir		ex	orrniz.	)	p. Chir. Thir. Ve	Ver.		10   20   1724   Cibotium sp. Carth. Cord	10 10 10	20 25 20
	1682 1683 1684	sp. Chir. Cord 12   26   16	Zan	nia Lin Ski	inneri	Verag 12   30   871   ., sp. (	lhir. Ve	r		10   20   1477   Polypodium sp. Equad	10	20
	1685 1692	;, sp. Chir. Cord 12 26 16 ;, sp. & Geonoma sp. gemifcht 12 30	09   Mai	nicaria	SD.? E	quad. (novum 12 30 1628 ,, sp. 1	lhir. Co aumari	rd		10   25   1579   ,, sp. Equad	10 10	20 20 20 20 20
	1	g	AU	Journa	. auti	mera   12   30   ,, sp.	eragua			10   25   1766   ", sp. Cost	10	20

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